

Appendix 2 a: Local Authority Profiles for measures of deprivation, general health, housing and ethnicity

Local Authority	Index of Deprivation 2004, average ward score ^a	Index of Deprivation 2004, rank ^b of average ward score ^a	Percentage of people whose health was not good ^c	Percentage of people with no qualifications ^c	Percentage of households with no cars or vans ^c	Percentage of people White: British ^c	Percentage of people White: Irish ^c	Percentage of people Asian or Asian British ^c	Percentage of people Black or Black British ^c	Percentage of people Chinese ^c
Allerdale	22.92	105	10.11	33.96	24.13	98.41	0.3	0.06	0.03	0.12
Barrow-in-Furness	32.98	29	13.25	32.82	33.49	97.98	0.5	0.09	0.04	0.14
Blackburn with Darwen	32.28	34	11.13	37.21	33.48	76.11	0.85	10.66	0.13	0.15
Blackpool	33.91	24	13.85	37.82	37.34	96.52	0.98	0.17	0.07	0.26
Bolton	29.41	50	10.98	33.27	30.29	87.2	0.86	6.08	0.26	0.19
Burnley	31.83	37	11.94	36.03	34.1	90.11	0.95	0.48	0.08	0.13
Bury	23.53	97	9.94	29.22	25.97	90.75	1.67	0.67	0.15	0.32
Carlisle	22.2	108	9.66	31.94	27.73	97.82	0.52	0.09	0.04	0.17
Chester	17.03	178	8.43	24	22.13	95.19	1.09	0.27	0.08	0.23
Chorley	17.15	172	9.6	28.12	19.63	96.4	0.73	0.39	0.05	0.31
Congleton	9.51	305	7.77	24.27	14.53	97.26	0.55	0.17	0.03	0.26
Copeland	25.67	84	10.33	34.31	27.94	98.28	0.36	0.08	0.03	0.1
Crewe and Nantwich	17.09	174	8.98	29.7	22.01	96.24	0.78	0.22	0.12	0.29
Eden	15.7	200	7.93	28.81	15.41	98.47	0.3	0.02	0.01	0.1
Ellesmere Port & Neston	19.8	141	9.61	29.62	22.16	96.97	0.97	0.12	0.03	0.29
Fylde	13.06	240	10.49	24.99	20.14	96.44	0.82	0.25	0.05	0.23
Halton	34.29	21	11.65	34.67	29.37	97.62	0.7	0.13	0.05	0.2
Hyndburn	28.53	58	12.01	35.46	30.39	90.05	0.94	0.3	0.04	0.12
Knowsley	46.57	3	13.64	43	41.76	97.33	0.58	0.15	0.08	0.24
Lancaster	22.25	107	9.9	26.66	28.13	95.38	0.84	0.47	0.14	0.36
Liverpool	49.78	1	13.79	37.82	48.28	91.84	1.22	0.43	0.7	1.17
Macclesfield	11.13	276	7.81	21.33	16.39	95.46	0.91	0.36	0.06	0.27
Manchester	48.91	2	12.5	33.95	47.79	74.46	3.77	1.48	1.69	1.3
Oldham	30.73	43	11.23	37.69	34.37	84.36	0.9	0.72	0.08	0.19
Pendle	27.59	71	11.35	35.91	29.59	83.6	0.67	0.25	0.06	0.1
Preston	28.47	59	10.33	31.13	31.43	83.17	1.19	8.82	0.17	0.42
Ribble Valley	10.34	288	7.91	23.18	14.57	96.65	0.69	0.24	0.06	0.23
Rochdale	33.69	25	11.22	36.12	33.46	86.09	1.46	0.36	0.15	0.24
Rossendale	24.05	92	10.82	31.02	25.43	94.21	1.12	0.19	0.03	0.16
Salford	38.19	12	12.52	35.52	39.18	92.71	1.79	0.55	0.33	0.55
Sefton	26.12	78	11.25	30.95	31	96.67	0.94	0.21	0.07	0.32
South Lakeland	12.01	258	8.56	24.17	17.14	97.57	0.45	0.05	0.04	0.17
South Ribble	13.95	229	9.15	27.19	17.91	96.46	0.84	0.53	0.03	0.33
St Helens	31.95	36	12.74	35.36	30.48	97.74	0.6	0.23	0.04	0.23
Stockport	18.06	159	9.08	25.73	23.55	92.88	1.46	0.66	0.12	0.46
Tameside	29.81	49	11.61	35.16	32.64	92.7	0.91	1.45	0.08	0.3
Trafford	20.15	136	8.99	24.67	24.67	86.94	2.8	1.85	0.3	0.54
Vale Royal	17.06	176	8.93	27.37	17.19	97.33	0.54	0.16	0.05	0.29
Warrington	19.39	147	9.06	26.87	20.9	96.13	0.83	0.35	0.09	0.38
West Lancashire	21.07	127	9.97	29.7	21.47	97.11	0.62	0.28	0.07	0.25
Wigan	29.26	53	11.96	35.34	27.5	97.59	0.58	0.23	0.1	0.16
Wirral	30.06	48	11.4	29.39	30.34	96.49	0.98	0.2	0.08	0.42
Wyre	17.77	161	11.26	31.05	22.55	97.63	0.52	0.25	0.03	0.19
North West Total	n/a	n/a	10.95	31.9	30.2	92.2	1.15	1.07	0.24	0.4

^a - Office of the Deputy Prime Minister

^b - 1 is the most deprived local authority in England and 354 is the most affluent

^c - Census 2001, National Statistics

Appendix 2 b: Local Authority Profiles for measures of life expectancy and mortality

Local Authority	Life Expectancy (years at birth) Males 2000-2002	Life Expectancy (years at birth) Females 2000-2002	Months ^a contribution to Life Exp due to Alcohol Males, 1996-2000	Months ^a contribution to Life Exp due to Alcohol Females, 1996-2000	Mortality from chronic liver disease Males (SMR ^b) 2001-02	Mortality from chronic liver disease Females (SMR ^b) 2001-02	Deaths attributable to alcohol (all causes) Males 2002: Estimated numbers ^c	Deaths attributable to alcohol (all causes) Females 2002: Estimated numbers ^c	Deaths attributable to alcohol (all causes) Males 2002 (rate/1,000) Maximum estimate ^c	Deaths attributable to alcohol (all causes) Females 2002 (rate/1,000) Maximum estimate ^c
Allerdale	75.6	80.6	-0.09	0.05	83	101	20 to 31	15 to 30	0.68	0.63
Barrow-in-Furness	74	80	-1.06	-1.79	208	245	21 to 30	17 to 31	0.85	0.84
Blackburn with Darwen	73	78	-2.05	-0.76	199	173	33 to 49	23 to 43	0.73	0.61
Blackpool	71.7	78.4	-5.73	-1.89	312	234	68 to 93	36 to 61	1.35	0.83
Bolton	74.4	79.6	-1.09	-0.54	115	93	68 to 95	35 to 75	0.75	0.56
Burnley	74.4	78.6	-1.19	0.55	146	105	25 to 34	16 to 27	0.78	0.59
Bury	75	79.8	0.79	-0.85	70	102	41 to 62	26 to 56	0.71	0.6
Carlisle	75.5	79.5	-1.42	0	111	169	24 to 34	19 to 34	0.7	0.65
Chester	76.5	81	0.38	0.1	83	115	28 to 40	16 to 36	0.7	0.59
Chorley	75.6	79.5	0.31	-0.93	139	168	20 to 30	18 to 29	0.6	0.57
Congleton	76.8	81.1	0.93	0.25	56	136	18 to 25	10 to 26	0.56	0.56
Copeland	74.5	79.9	-1.46	-0.18	42	73	16 to 22	8 to 18	0.64	0.52
Crewe and Nantwich	75.8	80.2	0.22	0.11	47	81	25 to 37	14 to 31	0.68	0.55
Eden	77.6	81.5	0.4	1.4	41	23	8 to 13	7 to 15	0.53	0.59
Ellesmere Port & Neston	76.8	80.5	0.32	0.52	131	108	19 to 27	13 to 24	0.68	0.57
Fylde	76.5	80.7	0.24	-0.57	122	162	20 to 28	14 to 31	0.8	0.81
Halton	73.7	78.1	-0.37	-1.41	157	205	34 to 47	16 to 31	0.82	0.51
Hyndburn	74.3	78.7	-1.63	-1.67	129	100	21 to 31	13 to 24	0.78	0.58
Knowsley	72.9	78.2	-0.72	-0.97	159	133	40 to 54	20 to 36	0.76	0.45
Lancaster	74.8	80.2	-0.43	-0.64	181	144	40 to 55	21 to 49	0.86	0.7
Liverpool	72.5	77.6	-3.06	-1.24	209	204	143 to 195	76 to 136	0.93	0.59
Macclesfield	77.3	81.6	1.01	0.84	57	93	27 to 43	22 to 53	0.59	0.68
Manchester	71	77.3	-4.63	-2.42	228	209	119 to 165	76 to 136	0.86	0.68
Oldham	73.5	78.5	-1.32	-1.03	126	125	60 to 82	29 to 56	0.78	0.5
Pendle	74.9	79.7	-0.05	-0.83	134	150	21 to 30	8 to 16	0.69	0.35
Preston	74.6	78.7	-2.5	-1.64	207	145	33 to 45	19 to 37	0.71	0.56
Ribble Valley	76.6	81.4	1.91	-0.06	79	22	14 to 20	6 to 15	0.76	0.54
Rochdale	74	78.8	-0.81	-0.41	139	167	50 to 73	24 to 54	0.73	0.51
Rossendale	74.5	79.2	-0.18	0.27	131	81	14 to 21	7 to 19	0.66	0.56
Salford	73.2	78.1	-1.28	-1.13	200	170	69 to 93	40 to 76	0.88	0.69
Sefton	74.9	79.9	-1.68	-0.88	147	173	80 to 116	55 to 102	0.87	0.68
South Lakeland	77.6	81.8	0.65	0.34	73	64	24 to 34	14 to 38	0.69	0.72
South Ribble	76	80.5	-0.31	-0.55	130	109	23 to 35	17 to 31	0.69	0.58
St Helens	74.3	79.4	-1.05	-2.42	158	158	49 to 65	24 to 47	0.76	0.52
Stockport	75.9	81	0.29	0.35	108	124	64 to 94	43 to 91	0.68	0.62
Tameside	73.3	79	-0.73	-0.66	169	151	67 to 91	40 to 73	0.88	0.67
Trafford	76.4	80.3	-0.36	-0.9	105	98	46 to 65	26 to 57	0.64	0.53
Vale Royal	76.4	80.6	0.66	0.67	67	103	20 to 31	15 to 30	0.52	0.48
Warrington	75.5	79.9	0.18	-1.58	73	126	42 to 64	26 to 50	0.68	0.51
West Lancashire	75.2	79.6	-0.52	-0.59	70	160	19 to 31	19 to 37	0.59	0.66
Wigan	74.2	78.5	-1.12	-1.05	98	136	61 to 86	46 to 87	0.58	0.57
Wirral	74.7	79.8	-1.93	-1.32	161	130	92 to 127	51 to 104	0.86	0.63
Wyre	75.5	81	-1.5	-0.91	160	52	33 to 47	19 to 41	0.94	0.74
North West Total	74.5	79.4	n/a	n/a	138	140	1759 to 2490	1059 to 2093	0.76	0.6

^a – Months deviation from England & Wales average, using attributable deaths as defined by Office of National Statistics

^b – Standardised Mortality Ratio (SMR)

^c – Using the attributable fraction for all causes (see Chapter 2, Box 2.2, Table 2.02)

Appendix 2 c: Local Authority Profiles for estimated measures of mortality (numbers)

Deaths attributable to alcohol 2002. Estimated numbers, where:

Local Authority	Males				Females			
	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1
Allerdale	2	8 to 11	7 to 8	3 to 10	1	3 to 4	7 to 8	4 to 17
Barrow-in-Furness	6	8 to 11	4 to 6	3 to 7	7	4 to 5	3 to 5	3 to 14
Blackburn with Darwen	9	11 to 14	8 to 12	5 to 14	6	6 to 9	6 to 7	5 to 21
Blackpool	26	21 to 29	14 to 20	7 to 18	12	4 to 6	12 to 13	8 to 30
Bolton	22	19 to 26	18 to 23	9 to 24	12	3 to 6	10 to 13	10 to 44
Burnley	5	9 to 11	7 to 10	4 to 8	4	2 to 2	6 to 8	4 to 13
Bury	11	11 to 16	13 to 18	6 to 17	7	4 to 7	9 to 11	6 to 31
Carlisle	5	6 to 7	9 to 12	4 to 10	6	4 to 5	5 to 6	4 to 17
Chester	6	6 to 8	12 to 17	4 to 9	5	4 to 6	4 to 7	3 to 18
Chorley	5	6 to 8	6 to 8	3 to 9	6	3 to 3	4 to 5	5 to 15
Congleton	5	3 to 4	7 to 8	3 to 8	2	1 to 2	4 to 6	3 to 16
Copeland	5	5 to 7	4 to 5	2 to 5	2	1 to 2	3 to 4	2 to 10
Crewe and Nantwich	6	6 to 8	9 to 13	4 to 10	3	1 to 1	7 to 9	3 to 18
Eden	1	2 to 2	4 to 6	1 to 4	0	1 to 2	4 to 4	2 to 9
Ellesmere Port & Neston	8	4 to 7	5 to 6	2 to 6	4	1 to 3	5 to 6	3 to 11
Fylde	7	4 to 5	6 to 8	3 to 8	3	2 to 3	5 to 6	4 to 19
Halton	13	10 to 14	8 to 12	3 to 8	5	2 to 4	5 to 6	4 to 16
Hyndburn	8	4 to 6	7 to 10	2 to 7	3	2 to 2	5 to 6	3 to 13
Knowsley	15	10 to 14	11 to 14	4 to 11	5	3 to 5	7 to 9	5 to 17
Lancaster	14	9 to 11	12 to 16	5 to 14	6	3 to 6	8 to 11	4 to 26
Liverpool	58	28 to 39	41 to 56	16 to 42	23	11 to 18	25 to 31	17 to 64
Macclesfield	5	5 to 6	12 to 18	5 to 14	4	4 to 7	9 to 11	5 to 31
Manchester	40	36 to 49	30 to 39	13 to 37	28	12 to 19	21 to 26	15 to 63
Oldham	21	13 to 17	19 to 25	7 to 19	4	4 to 5	14 to 18	7 to 29
Pendle	7	6 to 8	5 to 7	3 to 8	0	2 to 2	2 to 3	4 to 11
Preston	12	8 to 11	9 to 12	4 to 10	4	4 to 5	6 to 7	5 to 21
Ribble Valley	3	5 to 7	4 to 5	2 to 5	0	2 to 3	3 to 4	1 to 8
Rochdale	19	10 to 13	14 to 20	7 to 21	6	5 to 8	7 to 9	6 to 31
Rossendale	2	5 to 7	5 to 6	2 to 6	1	2 to 5	2 to 3	2 to 10
Salford	32	11 to 15	18 to 25	8 to 21	13	5 to 8	13 to 15	9 to 40
Sefton	28	19 to 27	24 to 34	9 to 27	16	8 to 11	20 to 27	11 to 48
South Lakeland	4	8 to 10	8 to 9	4 to 11	1	4 to 7	5 to 7	4 to 23
South Ribble	6	6 to 8	8 to 13	3 to 8	5	3 to 5	6 to 7	3 to 14
St Helens	16	11 to 15	17 to 21	5 to 13	2	6 to 7	10 to 13	6 to 25
Stockport	13	18 to 24	24 to 32	9 to 25	11	7 to 10	16 to 20	9 to 50
Tameside	27	17 to 24	16 to 23	7 to 17	14	6 to 10	11 to 14	9 to 35
Trafford	12	13 to 16	15 to 21	6 to 16	5	5 to 7	9 to 12	7 to 33
Vale Royal	2	8 to 11	7 to 8	3 to 10	1	3 to 4	7 to 8	4 to 17
Warrington	9	15 to 21	12 to 18	6 to 16	8	5 to 8	6 to 9	7 to 25
West Lancashire	3	5 to 7	7 to 11	4 to 10	9	1 to 3	5 to 7	4 to 18
Wigan	14	18 to 22	20 to 26	9 to 24	13	8 to 11	15 to 19	10 to 44
Wirral	35	22 to 29	26 to 36	9 to 27	12	7 to 10	21 to 27	11 to 55
Wyre	10	8 to 11	10 to 12	5 to 14	4	3 to 4	7 to 9	5 to 24
North West Total	557	457 to 616	522 to 709	223 to 608	283	171 to 260	359 to 456	246 to 1094

* AF = Attributable Fraction is divided into groups based on the average for males and females (see Chapter 2, Box 2.2, Table 2.02)

Appendix 2 d: Local Authority Profiles for estimated measures of mortality (rates)

Deaths attributable to alcohol 2002. Maximum estimated rate/1,000 population, where:

Local Authority	Males				Females			
	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1
Allerdale	0.04	0.24	0.18	0.22	0.02	0.08	0.17	0.35
Barrow-in-Furness	0.17	0.31	0.17	0.2	0.19	0.14	0.14	0.38
Blackburn with Darwen	0.13	0.21	0.18	0.21	0.09	0.13	0.1	0.3
Blackpool	0.38	0.42	0.29	0.26	0.16	0.08	0.18	0.41
Bolton	0.17	0.2	0.18	0.19	0.09	0.04	0.1	0.33
Burnley	0.12	0.25	0.23	0.18	0.09	0.04	0.17	0.28
Bury	0.13	0.18	0.2	0.19	0.08	0.08	0.12	0.33
Carlisle	0.1	0.14	0.25	0.21	0.12	0.1	0.12	0.33
Chester	0.11	0.14	0.3	0.16	0.08	0.1	0.11	0.29
Chorley	0.1	0.16	0.16	0.18	0.12	0.06	0.1	0.3
Congleton	0.11	0.09	0.18	0.18	0.04	0.04	0.13	0.35
Copeland	0.14	0.2	0.14	0.14	0.06	0.06	0.12	0.29
Crewe and Nantwich	0.11	0.15	0.24	0.18	0.05	0.02	0.16	0.32
Eden	0.04	0.08	0.24	0.16	0	0.08	0.16	0.36
Ellesmere Port & Neston	0.2	0.18	0.15	0.15	0.1	0.07	0.14	0.26
Fylde	0.2	0.14	0.23	0.23	0.08	0.08	0.16	0.5
Halton	0.23	0.25	0.21	0.14	0.08	0.07	0.1	0.26
Hyndburn	0.2	0.15	0.25	0.18	0.07	0.05	0.14	0.31
Knowsley	0.21	0.2	0.2	0.15	0.06	0.06	0.11	0.21
Lancaster	0.22	0.17	0.25	0.22	0.09	0.09	0.16	0.37
Liverpool	0.28	0.19	0.27	0.2	0.1	0.08	0.13	0.28
Macclesfield	0.07	0.08	0.25	0.19	0.05	0.09	0.14	0.4
Manchester	0.21	0.26	0.2	0.19	0.14	0.09	0.13	0.31
Oldham	0.2	0.16	0.24	0.18	0.04	0.04	0.16	0.26
Pendle	0.16	0.18	0.16	0.18	0	0.04	0.07	0.24
Preston	0.19	0.17	0.19	0.16	0.06	0.08	0.11	0.32
Ribble Valley	0.11	0.27	0.19	0.19	0	0.11	0.15	0.29
Rochdale	0.19	0.13	0.2	0.21	0.06	0.08	0.09	0.29
Rossendale	0.06	0.22	0.19	0.19	0.03	0.15	0.09	0.3
Salford	0.3	0.14	0.24	0.2	0.12	0.07	0.14	0.36
Sefton	0.21	0.2	0.25	0.2	0.11	0.07	0.18	0.32
South Lakeland	0.08	0.2	0.18	0.22	0.02	0.13	0.13	0.44
South Ribble	0.12	0.16	0.26	0.16	0.09	0.09	0.13	0.26
St Helens	0.19	0.18	0.25	0.15	0.02	0.08	0.14	0.27
Stockport	0.09	0.17	0.23	0.18	0.07	0.07	0.14	0.34
Tameside	0.26	0.23	0.22	0.16	0.13	0.09	0.13	0.32
Trafford	0.12	0.16	0.21	0.16	0.05	0.06	0.11	0.31
Vale Royal	0.03	0.18	0.13	0.17	0.02	0.06	0.13	0.27
Warrington	0.1	0.22	0.19	0.17	0.08	0.08	0.09	0.26
West Lancashire	0.06	0.13	0.21	0.19	0.16	0.05	0.12	0.32
Wigan	0.09	0.15	0.18	0.16	0.08	0.07	0.12	0.29
Wirral	0.24	0.2	0.24	0.18	0.07	0.06	0.16	0.33
Wyre	0.2	0.22	0.24	0.28	0.07	0.07	0.16	0.43
North West Total	0.17	0.19	0.22	0.19	0.08	0.07	0.13	0.32

* AF = Attributable Fraction is divided into groups based on the average for males and females (see Chapter 2, Box 2.2, Table 2.02)

Appendix 2 e: Local Authority Profiles for selected measures of Hospital Episodes attributable to alcohol

Local Authority	Hospital Episodes attributable to alcohol (all causes ^a) Males 2001/02: Estimated numbers	Hospital Episodes attributable to alcohol (all causes ^a) Females 2001/02: Estimated numbers	Hospital Episodes attributable to alcohol (all causes ^a) Males 2001/02 (rate/1,000). Maximum estimate	Hospital Episodes attributable to alcohol (all causes ^a) Females 2001/02 (rate/1,000). Maximum estimate	Hospital Episodes for Alcoholic Liver Cirrhosis, Males 2001/02. Estimated number ^b	Hospital Episodes for Alcoholic Liver Cirrhosis, Females 2001/02. Estimated number ^b	Hospital Episodes for Alcoholic Psychosis / Dependence / Abuse, Males 2001/02 Estimated number ^b	Hospital Episodes for Alcoholic Psychosis / Dependence / Abuse, Females 2001/02 Estimated number ^b
Allerdale	325 to 442	236 to 388	9.70	8.10	34	28	50	32
Barrow-in-Furness	382 to 492	181 to 297	14.02	8.05	64	10	50	10
Blackburn with Darwen	628 to 852	344 to 614	12.66	8.75	42	30	138	54
Blackpool	709 to 905	498 to 745	13.17	10.13	92	108	179	70
Bolton	1032 to 1358	605 to 956	10.68	7.14	140	88	261	111
Burnley	503 to 654	281 to 457	15.07	9.91	118	42	89	27
Bury	676 to 924	415 to 670	10.51	7.23	68	48	128	63
Carlisle	397 to 541	259 to 399	11.10	7.67	50	52	68	33
Chester	341 to 478	232 to 364	8.39	5.94	48	42	51	37
Chorley	412 to 534	244 to 373	10.69	7.39	90	46	55	33
Congleton	245 to 318	167 to 271	7.15	5.87	48	20	35	28
Copeland	311 to 403	193 to 295	11.67	8.48	44	26	42	31
Crewe and Nantwich	401 to 516	219 to 374	9.49	6.60	64	18	78	31
Eden	116 to 172	76 to 136	7.02	5.38	12	4	8	5
Ellesmere Port & Neston	222 to 309	152 to 249	7.76	5.95	22	2	35	17
Fylde	226 to 298	168 to 295	8.48	7.75	14	4	35	14
Halton	510 to 677	347 to 535	11.85	8.76	46	68	100	58
Hyndburn	379 to 523	210 to 385	13.14	9.24	42	22	75	28
Knowsley	896 to 1150	516 to 781	16.18	9.84	146	92	178	70
Lancaster	580 to 722	316 to 496	11.26	7.11	82	28	132	68
Liverpool	2888 to 3733	1761 to 2700	17.79	11.76	500	352	648	282
Macclesfield	456 to 597	290 to 472	8.23	6.08	66	36	98	52
Manchester	1803 to 2389	920 to 1461	12.47	7.26	394	216	204	83
Oldham	980 to 1335	555 to 941	12.71	8.38	154	84	117	60
Pendle	382 to 531	299 to 473	12.20	10.34	36	52	65	27
Preston	650 to 865	364 to 577	13.70	8.68	78	42	121	45
Ribble Valley	162 to 221	114 to 213	8.37	7.73	16	8	21	11
Rochdale	883 to 1158	515 to 803	11.61	7.60	200	114	124	54
Rossendale	270 to 363	170 to 279	11.35	8.28	46	36	49	16
Salford	1230 to 1613	680 to 1141	15.19	10.38	258	116	217	96
Sefton	1482 to 1879	987 to 1468	14.08	9.82	338	228	348	192
South Lakeland	399 to 509	219 to 368	10.28	6.97	54	6	44	14
South Ribble	368 to 499	227 to 371	9.86	6.97	56	22	60	35
St Helens	888 to 1166	628 to 921	13.60	10.11	120	126	155	117
Stockport	810 to 1130	569 to 976	8.23	6.63	134	90	66	45
Tameside	650 to 873	349 to 571	8.45	5.21	112	70	99	36
Trafford	626 to 850	384 to 637	8.32	5.90	100	32	88	43
Vale Royal	402 to 527	223 to 377	8.80	6.06	90	28	54	34
Warrington	791 to 1057	545 to 877	11.26	9.02	62	94	147	105
West Lancashire	365 to 499	263 to 416	9.55	7.41	44	50	69	44
Wigan	1260 to 1657	834 to 1367	11.21	8.90	214	140	145	114
Wirral	1616 to 2086	983 to 1536	14.17	9.30	286	152	407	187
Wyre	362 to 471	246 to 401	9.37	7.24	66	12	55	35
North West Total	29014 to 38276	17784 to 28426	11.74	8.19	4690	2884	5188	2547

^a Using the attributable fractions for all causes (see Chapter 2, Box 2.2, Table 2.03)

^b Attributable fraction of 1 (see Tables 2.03)

Appendix 2 f: Local Authority Profiles for selected measures of Hospital Episodes attributable to alcohol

Local Authority	Hospital Episodes for Assault, Males 2001/02. Estimated numbers	Hospital Episodes for Assault, Females 2001/02. Estimated numbers	Hospital Episodes for Colorectal Cancer, Males 2001/02. Estimated number	Hospital Episodes for Colorectal Cancer, Females 2001/02. Estimated number	Hospital Episodes for Fall Injuries, Males 2001/02. Estimated numbers	Hospital Episodes for Fall Injuries, Females 2001/02. Estimated numbers	Hospital Episodes for Road Injuries / accidents, Males 2001/02. Estimated numbers	Hospital Episodes for Road Injuries / accidents, Females 2001/02. Estimated numbers	Hospital Episodes for Suicide, Males 2001/02. Estimated numbers	Hospital Episodes for Suicide, Females 2001/02. Estimated numbers
Allerdale	11 to 19	2 to 4	23	16	60 to 85	52 to 116	28 to 32	8 to 19	16 to 24	12 to 13
Barrow-in-Furness	12 to 20	4 to 8	44	35	49 to 70	48 to 108	29 to 34	4 to 9	29 to 44	17 to 18
Blackburn with Darwen	66 to 115	13 to 23	15	15	119 to 170	93 to 207	51 to 59	9 to 22	9 to 14	4 to 4
Blackpool	35 to 61	9 to 16	78	71	78 to 112	81 to 181	30 to 34	8 to 19	36 to 54	25 to 26
Bolton	65 to 114	12 to 20	34	30	165 to 236	152 to 341	65 to 76	12 to 29	56 to 84	34 to 36
Burnley	30 to 52	8 to 14	13	11	85 to 122	67 to 149	32 to 37	6 to 14	21 to 32	23 to 24
Bury	52 to 91	8 to 15	30	26	120 to 172	109 to 243	51 to 59	12 to 28	47 to 71	31 to 33
Carlisle	17 to 30	3 to 6	19	10	60 to 85	47 to 105	35 to 40	9 to 21	39 to 59	35 to 36
Chester	14 to 24	2 to 3	38	21	63 to 89	54 to 120	27 to 31	6 to 14	12 to 18	6 to 6
Chorley	22 to 38	6 to 10	17	13	61 to 88	56 to 125	41 to 48	6 to 15	28 to 43	19 to 20
Congleton	5 to 9	1 to 2	20	16	50 to 71	43 to 96	21 to 25	6 to 14	6 to 9	6 to 6
Copeland	11 to 20	2 to 4	23	10	54 to 78	42 to 95	24 to 28	7 to 17	21 to 32	12 to 13
Crewe and Nantwich	18 to 31	4 to 7	35	15	63 to 90	60 to 135	34 to 40	7 to 16	15 to 22	9 to 10
Eden	2 to 4	0	9	8	24 to 34	17 to 39	15 to 17	4 to 10	6 to 9	7 to 8
Ellesmere Port & Neston	13 to 22	2 to 3	21	24	40 to 56	40 to 88	18 to 21	3 to 8	10 to 15	10 to 10
Fylde	6 to 10	1 to 2	50	32	35 to 50	44 to 98	15 to 18	3 to 8	6 to 9	9 to 10
Halton	33 to 57	4 to 8	30	15	91 to 130	74 to 166	38 to 45	6 to 15	38 to 58	26 to 28
Hyndburn	33 to 57	5 to 9	19	10	77 to 110	66 to 148	23 to 27	7 to 16	4 to 5	3 to 3
Knowsley	68 to 118	8 to 15	72	44	133 to 190	93 to 207	46 to 54	14 to 34	41 to 62	25 to 26
Lancaster	21 to 36	4 to 8	76	28	77 to 110	74 to 165	36 to 42	8 to 19	34 to 52	27 to 29
Liverpool	218 to 380	35 to 62	129	125	503 to 718	422 to 943	174 to 202	40 to 95	76 to 115	47 to 49
Macclesfield	20 to 35	1 to 2	32	15	85 to 122	77 to 171	36 to 42	10 to 25	24 to 36	17 to 17
Manchester	164 to 285	32 to 55	82	49	258 to 369	183 to 410	111 to 129	24 to 57	72 to 108	54 to 56
Oldham	104 to 180	17 to 29	32	33	179 to 256	139 to 311	86 to 100	15 to 36	53 to 80	43 to 45
Pendle	29 to 51	4 to 7	18	43	74 to 105	70 to 156	30 to 34	7 to 17	27 to 41	20 to 20
Preston	81 to 141	16 to 28	24	19	116 to 166	86 to 192	50 to 58	11 to 26	51 to 77	50 to 52
Ribble Valley	8 to 15	1 to 1	14	9	42 to 61	41 to 91	16 to 18	5 to 12	2 to 3	4 to 5
Rochdale	61 to 107	12 to 21	41	41	129 to 184	102 to 229	57 to 66	11 to 26	36 to 55	24 to 25
Rossendale	14 to 24	3 to 6	8	11	45 to 64	43 to 97	20 to 23	6 to 14	14 to 21	8 to 9
Salford	74 to 128	16 to 29	53	38	187 to 267	180 to 402	74 to 86	15 to 35	51 to 77	34 to 36
Sefton	68 to 119	10 to 17	56	45	198 to 282	198 to 443	75 to 87	21 to 49	52 to 79	52 to 54
South Lakeland	8 to 15	2 to 3	86	57	66 to 94	59 to 131	33 to 38	9 to 22	20 to 31	13 to 14
South Ribble	28 to 48	5 to 9	17	13	61 to 87	60 to 134	34 to 40	7 to 17	19 to 29	17 to 17
St Helens	56 to 98	8 to 13	110	61	133 to 190	106 to 237	49 to 57	13 to 32	36 to 55	24 to 26
Stockport	51 to 88	6 to 11	73	42	170 to 243	171 to 383	66 to 77	16 to 39	33 to 49	31 to 33
Tameside	53 to 93	10 to 17	31	19	102 to 146	90 to 201	58 to 67	12 to 29	19 to 29	23 to 24
Trafford	43 to 75	6 to 10	48	47	104 to 148	102 to 228	37 to 43	7 to 17	22 to 33	20 to 21
Vale Royal	16 to 28	2 to 4	26	22	61 to 87	62 to 138	37 to 43	8 to 20	15 to 23	12 to 12
Warrington	73 to 126	11 to 18	21	8	145 to 207	124 to 276	68 to 80	17 to 41	51 to 77	38 to 39
West Lancashire	16 to 27	6 to 10	13	16	68 to 97	66 to 147	40 to 46	9 to 21	17 to 25	14 to 15
Wigan	64 to 112	11 to 18	182	83	195 to 278	161 to 360	90 to 104	21 to 50	21 to 32	14 to 15
Wirral	79 to 138	14 to 25	62	44	215 to 307	204 to 456	57 to 66	15 to 36	109 to 165	88 to 92
Wyre	10 to 18	3 to 5	57	57	44 to 63	49 to 111	18 to 21	6 to 13	13 to 19	11 to 11
North West Total	1872 to 3259	329 to 577	1881	1347	4684 to 6689	4107 to 9179	1975 to 2294	450 to 1076	1307 to 1975	998 to 1046

* Numbers calculated using both the minimum and maximum attributable fraction, except for colorectal cancer where the minimum and maximum were the same figure (see Chapter 2, Box 2.2, Table 2.03)

Appendix 2 g: Local Authority Profiles for estimated measures of hospital burden (numbers)

Hospital episodes attributable to alcohol 2001/02. Estimated numbers, where:

Local Authority	Males				Females			
	AF* = 1	AF*= 0.25 to 0.75	AF*= 0.1 to 0.249	AF* < 0.1	AF* = 1	AF*= 0.25 to 0.75	AF*= 0.1 to 0.249	AF* < 0.1
Allerdale	95	141 to 198	71 to 104	18 to 45	79	95 to 180	48 to 71	14 to 58
Barrow-in-Furness	123	141 to 197	102 to 145	16 to 27	21	79 to 151	57 to 74	24 to 51
Blackburn with Darwen	189	286 to 412	119 to 182	34 to 69	93	137 to 279	83 to 149	31 to 93
Blackpool	283	215 to 305	169 to 241	42 to 76	180	142 to 264	130 to 194	46 to 107
Bolton	414	411 to 587	161 to 257	46 to 100	209	255 to 480	104 to 163	37 to 104
Burnley	216	197 to 279	66 to 108	24 to 51	81	125 to 228	54 to 89	21 to 59
Bury	213	299 to 431	132 to 218	32 to 62	118	177 to 339	90 to 131	30 to 82
Carlisle	126	168 to 242	86 to 130	17 to 43	85	106 to 185	56 to 86	12 to 43
Chester	100	128 to 179	92 to 149	21 to 50	83	74 to 152	50 to 69	25 to 60
Chorley	150	173 to 243	73 to 110	16 to 31	84	95 to 181	51 to 73	14 to 35
Congleton	83	93 to 128	52 to 78	17 to 29	55	63 to 126	36 to 57	13 to 33
Copeland	105	132 to 183	61 to 85	13 to 30	65	87 to 158	31 to 41	10 to 31
Crewe and Nantwich	144	148 to 205	88 to 128	21 to 39	50	101 to 195	51 to 86	17 to 43
Eden	20	51 to 70	39 to 65	6 to 17	9	34 to 65	26 to 38	7 to 24
Ellesmere Port & Neston	60	91 to 130	56 to 89	15 to 30	19	66 to 124	48 to 64	19 to 42
Fylde	59	68 to 95	79 to 107	20 to 37	21	66 to 130	61 to 95	20 to 49
Halton	160	220 to 317	95 to 146	35 to 54	134	131 to 241	58 to 105	24 to 55
Hyndburn	125	156 to 226	72 to 120	26 to 52	52	91 to 189	50 to 91	17 to 53
Knowsley	346	317 to 462	189 to 263	44 to 79	187	162 to 312	123 to 174	44 to 108
Lancaster	216	190 to 267	152 to 195	22 to 44	96	121 to 230	64 to 91	35 to 79
Liverpool	1206	1091 to 1577	465 to 721	126 to 229	680	618 to 1243	323 to 479	140 to 298
Macclesfield	167	184 to 258	82 to 129	23 to 43	92	113 to 225	65 to 104	20 to 51
Manchester	623	778 to 1111	329 to 500	73 to 155	307	375 to 679	176 to 296	62 to 179
Oldham	299	489 to 705	151 to 233	41 to 98	153	246 to 461	122 to 211	34 to 116
Pendle	109	180 to 259	70 to 117	23 to 46	86	117 to 221	71 to 108	25 to 58
Preston	208	328 to 478	94 to 139	20 to 40	93	184 to 325	70 to 103	17 to 56
Ribble Valley	40	75 to 107	36 to 53	11 to 21	19	55 to 117	32 to 52	8 to 25
Rochdale	341	340 to 489	160 to 236	42 to 92	177	184 to 345	120 to 183	34 to 98
Rossendale	99	104 to 149	53 to 89	14 to 26	57	72 to 139	31 to 48	10 to 35
Salford	497	475 to 673	205 to 323	53 to 120	220	284 to 551	127 to 207	49 to 163
Sefton	718	467 to 663	231 to 372	66 to 126	462	308 to 602	162 to 262	55 to 142
South Lakeland	105	139 to 194	137 to 170	18 to 40	22	86 to 174	81 to 106	30 to 66
South Ribble	119	161 to 230	72 to 119	16 to 31	61	104 to 197	48 to 70	14 to 43
St Helens	284	315 to 455	243 to 343	46 to 84	251	177 to 342	144 to 204	56 to 124
Stockport	204	352 to 500	202 to 324	52 to 102	136	262 to 510	132 to 222	39 to 108
Tameside	226	272 to 384	127 to 205	25 to 58	107	158 to 299	62 to 97	22 to 68
Trafford	194	240 to 341	162 to 245	30 to 70	85	158 to 305	113 to 153	28 to 94
Vale Royal	149	149 to 207	82 to 130	22 to 41	62	93 to 186	51 to 82	17 to 47
Warrington	228	399 to 571	107 to 177	57 to 81	211	228 to 425	75 to 176	31 to 65
West Lancashire	119	157 to 220	68 to 115	21 to 45	95	105 to 204	45 to 63	18 to 54
Wigan	398	432 to 607	350 to 487	80 to 165	277	256 to 507	206 to 341	95 to 242
Wirral	750	542 to 783	257 to 430	67 to 123	349	375 to 682	199 to 358	60 to 147
Wyre	124	107 to 150	106 to 148	25 to 49	47	81 to 154	94 to 132	24 to 68
North West Total	10434	11401 to 16267	5743 to 8725	1436 to 2850	5770	6846 to 13102	3820 to 5998	1348 to 3556

* AF = Attributable Fraction is divided into groups based on the average for males and females (see Chapter 2, Box 2.2, Table 2.03)

Appendix 2 h: Local Authority Profiles for estimated measures of mortality (rates)

Hospital episodes attributable to alcohol 2001/02. Maximum estimated rate/1,000 population, where:

Local Authority	Males				Females			
	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1	AF* = 1	AF* = 0.25 to 0.75	AF* = 0.1 to 0.249	AF* < 0.1
Allerdale	2.08	4.35	2.28	0.99	1.65	3.76	1.48	1.21
Barrow-in-Furness	3.51	5.61	4.13	0.77	0.57	4.09	2.01	1.38
Blackburn with Darwen	2.81	6.12	2.7	1.03	1.33	3.98	2.12	1.33
Blackpool	4.12	4.44	3.51	1.11	2.45	3.59	2.64	1.45
Bolton	3.26	4.62	2.02	0.79	1.56	3.58	1.22	0.78
Burnley	4.98	6.43	2.49	1.17	1.76	4.94	1.93	1.28
Bury	2.42	4.9	2.48	0.71	1.27	3.66	1.41	0.88
Carlisle	2.59	4.97	2.67	0.88	1.63	3.56	1.65	0.83
Chester	1.76	3.14	2.62	0.88	1.35	2.48	1.13	0.98
Chorley	3	4.86	2.2	0.62	1.66	3.59	1.45	0.69
Congleton	1.87	2.88	1.75	0.65	1.19	2.73	1.23	0.71
Copeland	3.04	5.3	2.46	0.87	1.87	4.54	1.18	0.89
Crewe and Nantwich	2.65	3.77	2.35	0.72	0.88	3.44	1.52	0.76
Eden	0.82	2.86	2.65	0.69	0.36	2.57	1.5	0.95
Ellesmere Port & Neston	1.51	3.26	2.23	0.75	0.45	2.96	1.53	1
Fylde	1.68	2.7	3.04	1.05	0.55	3.41	2.5	1.29
Halton	2.8	5.55	2.56	0.95	2.19	3.95	1.72	0.9
Hyndburn	3.14	5.68	3.01	1.31	1.25	4.53	2.18	1.27
Knowsley	4.87	6.5	3.7	1.11	2.36	3.93	2.19	1.36
Lancaster	3.37	4.17	3.04	0.69	1.38	3.29	1.3	1.13
Liverpool	5.75	7.52	3.44	1.09	2.96	5.41	2.09	1.3
Macclesfield	2.3	3.56	1.78	0.59	1.18	2.9	1.34	0.66
Manchester	3.25	5.8	2.61	0.81	1.53	3.37	1.47	0.89
Oldham	2.85	6.71	2.22	0.93	1.36	4.11	1.88	1.03
Pendle	2.5	5.95	2.69	1.06	1.88	4.83	2.36	1.27
Preston	3.3	7.57	2.2	0.63	1.4	4.89	1.55	0.84
Ribble Valley	1.52	4.05	2.01	0.8	0.69	4.24	1.89	0.91
Rochdale	3.42	4.9	2.37	0.92	1.68	3.27	1.73	0.93
Rossendale	3.1	4.66	2.78	0.81	1.69	4.13	1.43	1.04
Salford	4.68	6.34	3.04	1.13	2	5.01	1.88	1.48
Sefton	5.38	4.97	2.79	0.94	3.09	4.03	1.75	0.95
South Lakeland	2.12	3.92	3.44	0.81	0.42	3.29	2.01	1.25
South Ribble	2.35	4.54	2.35	0.61	1.15	3.7	1.31	0.81
St Helens	3.31	5.31	4	0.98	2.75	3.75	2.24	1.36
Stockport	1.49	3.64	2.36	0.74	0.92	3.46	1.51	0.73
Tameside	2.19	3.72	1.98	0.56	0.98	2.73	0.88	0.62
Trafford	1.9	3.34	2.4	0.69	0.79	2.82	1.42	0.87
Vale Royal	2.49	3.46	2.17	0.68	1	2.99	1.32	0.76
Warrington	2.43	6.08	1.89	0.86	2.17	4.37	1.81	0.67
West Lancashire	2.28	4.21	2.2	0.86	1.69	3.63	1.12	0.96
Wigan	2.69	4.11	3.29	1.12	1.8	3.3	2.22	1.58
Wirral	5.1	5.32	2.92	0.84	2.11	4.13	2.17	0.89
Wyre	2.47	2.99	2.95	0.98	0.85	2.78	2.38	1.23
North West Total	3.2	4.99	2.68	0.87	1.66	3.77	1.73	1.02

* AF = Attributable Fraction is divided into groups based on the average for males and females (see Chapter 2, Box 2.2, Table 2.02)

Appendix 2 i: Local Authority Profiles for estimated measures of crime due to alcohol

Local Authority	Violence against the person (AF* 37%) Estimated numbers	Sexual (AF* 13%) Estimated numbers	Robbery (AF* 12%) Estimated numbers	Burglary dwelling (AF* 17%) Estimated numbers	Theft of a motor vehicle (AF 13%) Estimated numbers	Theft from a vehicle (AF 13%) Estimated numbers	Total Crimes due to alcohol Estimated numbers	Crime rate due to alcohol / 1,000 pop	Violence rate due to alcohol / 1,000 pop
Allerdale	437	4	3	96	41	151	732	7.83	4.67
Barrow-in-Furness	426	7	3	66	17	46	565	7.85	5.92
Blackburn with Darwen	735	27	20	210	85	255	1332	9.68	5.34
Blackpool	814	20	39	190	109	161	1333	9.37	5.72
Bolton	1746	43	84	831	366	610	3680	14.08	6.68
Burnley	496	11	12	157	60	142	878	9.81	5.54
Bury	1097	24	65	392	203	357	2138	11.83	6.07
Carlisle	549	7	6	89	53	136	840	8.33	5.45
Chester	612	8	12	139	75	188	1034	8.75	5.18
Chorley	282	8	5	98	49	99	541	5.38	2.8
Congleton	226	4	3	76	28	85	422	4.65	2.49
Copeland	324	4	2	49	21	57	457	6.6	4.68
Crewe and Nantwich	478	5	6	100	51	94	734	6.6	4.3
Eden	139	1	1	24	10	21	196	3.93	2.79
Ellesmere Port & Neston	310	5	7	82	60	88	552	6.76	3.8
Fylde	135	7	3	45	19	43	252	3.43	1.84
Halton UA	628	15	14	120	124	164	1065	9.01	5.31
Hyndburn	360	7	5	108	39	80	599	7.35	4.42
Knowsley	911	18	25	187	216	200	1557	10.34	6.05
Lancaster	587	10	10	146	40	169	962	7.18	4.38
Liverpool	3779	65	228	1184	785	979	7020	15.98	8.6
Macclesfield	509	6	13	220	56	212	1016	6.77	3.39
Manchester	4709	107	566	1702	750	1231	9065	23.07	11.99
Oldham	1605	32	76	743	303	378	3137	14.42	7.38
Pendle	378	7	10	116	44	110	665	7.45	4.23
Preston	891	15	36	223	92	289	1546	11.93	6.88
Ribble Valley	112	2	1	31	12	43	201	3.72	2.07
Rochdale	1540	30	80	574	301	383	2908	14.17	7.51
Rossendale	219	5	8	65	53	81	431	6.56	3.33
Salford	1464	31	121	700	386	552	3254	15.07	6.78
Sefton	1116	24	40	431	200	212	2023	7.15	3.94
South Lakeland	255	5	1	41	19	45	366	3.57	2.49
South Ribble	310	7	7	55	40	86	505	4.86	2.98
St Helens	890	25	23	281	215	237	1671	9.45	5.03
Stockport	1409	23	85	639	282	546	2984	10.49	4.95
Tameside	1447	27	74	627	274	324	2773	13.01	6.79
Trafford	1314	23	98	476	197	557	2665	12.68	6.25
Vale Royal	514	8	7	141	50	162	882	7.21	4.2
Warrington	682	18	14	211	140	229	1294	6.77	3.57
West Lancashire	241	5	7	94	60	95	502	4.63	2.22
Wigan	1652	28	42	523	351	395	2991	9.92	5.48
Wirral	1701	34	42	400	284	319	2780	8.9	5.45
Wyre	281	7	4	80	26	76	474	4.48	2.66
North West Total	38309	770	1909	12763	6587	10685	71023	11	5.69

* AF = the attributable fraction as identified in the Alcohol Interim Report (See Chapter 2, Box 2.2, Strategy Unit, 2004)